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(71) Applicant: Siecor Corporation  
Hickory, NC 28601-0489 (US)

(72) Inventor: Rutterman, Daniel J.  
Hudson, NC 28638 (US)

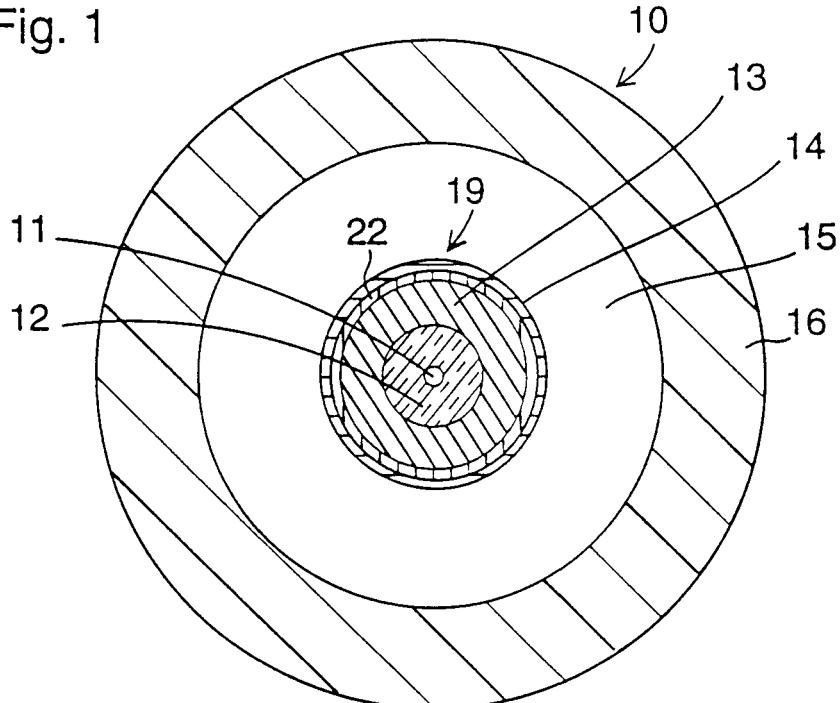
(74) Representative:  
Grünecker, Kinkeldey,  
Stockmair & Schwanhäusser  
Anwaltssozietät  
Maximilianstrasse 58  
80538 München (DE)

### (54) Buffered optical fiber

(57) A buffered optical fiber (10) includes a coated optical fiber (19) loosely contained within a space (15) delimited by the inner surface of a plastic tube (16). The outer surface of the coated optical fiber is formed of non-stick material (14) such as TEFILON. No filler material is inserted between the coated optical fiber (19) and

the inner surface of the plastic tube (16). The plastic tube (16) may have an inner diameter of 400 µm and an outer diameter of 900 µm. The buffered optical fiber (10) is suitable for use in interconnect cables (20).

Fig. 1



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## EUROPEAN SEARCH REPORT

Application Number

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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G02B C03C
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
MUNICH	28 April 1999	Lord, R	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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